

L Number	Hits	Search Text	DB	Time stamp
50	8329	118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/10 11:48
57	7971	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/10 11:48
64	2223	141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/10 11:48
71	451	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/10 11:48
78	2565	261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/10 11:48
85	6981	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/10 11:49
92	27873	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/10 11:49
99	4635	((118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)) and ((lid or cap or top) same (reactor or chamber or vessel or tank or station or hous\$3 or encase\$4 or container))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/10 11:53

106	3679	((118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)) and ((lid or cap or top) same (reactor or chamber or vessel or tank or station or hous\$3 or encase\$4 or container))) and (channels or conduits or pipes or paths)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/10 11:53
113	3774	((118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)) and ((lid or cap or top) same (reactor or chamber or vessel or tank or station or hous\$3 or encase\$4 or container))) and (channels or conduits or pipes or paths or manifold)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/10 11:54
120	1700	((118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)) and ((lid or cap or top) same (reactor or chamber or vessel or tank or station or hous\$3 or encase\$4 or container))) and ((channels or conduits or pipes or paths or manifold) with gas)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/10 11:54
127	744	((118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)) and ((lid or cap or top) same (reactor or chamber or vessel or tank or station or hous\$3 or encase\$4 or container))) and (((channels or conduits or pipes or paths or manifold) with gas) same valves)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/10 11:55

Patent Assignment Abstract of Title

Total Assignments: 1

Application #: 09798258 **Filing Dt:** 03/02/2001

Patent #: NONE

Issue Dt:

PCT #: NONE

Publication #: 20020121241

Pub Dt: 09/05/2002

Inventors: Anh N. Nguyen, Michael X. Yang, Ming Xi, Hua Chung, Anzhong Chang, Xiaoxiong Yuan, Siqing Lu

Title: Processing chamber and method of distributing process fluids therein to facilitate sequential deposition of films

Assignment: 1

Reel/Frame: 011873/0058

Received:
06/12/2001

Recorded:
06/06/2001

Mailed:
08/18/2001

Pages: 15

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors: NGUYEN, ANH N.

Exec Dt: 05/08/2001

YANG, MICHAEL

Exec Dt: 05/07/2001

XI, MING

Exec Dt: 05/09/2001

CHUNG, HUE

Exec Dt: 05/07/2001

CHANG, ANZHONG

Exec Dt: 05/08/2001

YUAN, XIAOXIONG

Exec Dt: 05/09/2001

LU, SIQING

Exec Dt: 05/07/2001

Assignee: APPLIED MATERIALS, INC. ✓

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Search Results as of: 6/10/2003 3:12:05 P.M.

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Web interface last modified: Oct. 5, 2002

09/798,258	} 10/016,300 CDP.	09/798,258	09/798,251
09/798,251		12-19 X	1-22
	1-51		

Patent Assignment Abstract of Title

Total Assignments: 1

Application #: 09798251 **Filing Dt:** 03/02/2001

Patent #: NONE

Issue Dt:

PCT #: NONE

Publication #: 20020121342 **Pub Dt:** 09/05/2002

Inventors: Anh N. Nguyen, Michael X. Yang, Ming Xi, Hua Chung, Anzhong Chang, Xiaoxiong Yuan, Siqing Lu

Title: Lid assembly for a processing system to facilitate sequential deposition techniques

Assignment: 1

Reel/Frame: 011870/0574 **Received:** 06/12/2001 **Recorded:** 06/06/2001 **Mailed:** 08/17/2001 **Pages:** 15

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors: NGUYEN, ANH N. ✓

Exec Dt: 05/18/2001

YANG, MICHAEL ✓

Exec Dt: 05/07/2001

XI, MING ✓

Exec Dt: 05/09/2001

CHUNG, HUA ✓

Exec Dt: 05/07/2001

CHANG, ANZHONG ✓

Exec Dt: 05/08/2001

YUAN, XIAOXIONG ✓

Exec Dt: 05/09/2001

LU, SIQING ✓

Exec Dt: 05/07/2001

Assignee: APPLIED MATERIALS, INC. ✓

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Patent Assignment Abstract of Title

Total Assignments: 2

Application #: 09678266

Filing Dt: 10/03/2000

Patent #: NONE

Issue Dt:

PCT #: NONE

Publication #: NONE

Pub Dt:

Inventors: Ming Xi, Ashok Sinha, Moris Kori, Alfred W. Mak, Xinliang Lu, Ken Kuang Lai, Karl A. Littau

Title: METHOD AND APPARATUS FOR DEPOSITING REFRACTORY METAL LAYERS
EMPLOYING SEQUENTIAL DEPOSITION TECHNIQUES TO FORM A NUCLEATION LAYER

Assignment: 1

Reel/Frame: 011573/0666

Received:
03/14/2001

Recorded:
02/09/2001

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05/16/2001

Pages: 15

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors: XI, MING

Exec Dt: 01/09/2001

SINHA, ASHOK

Exec Dt: 01/08/2001

KORI, MORIS

Exec Dt: 01/18/2001

MAK, ALFRED W.

Exec Dt: 01/09/2001

BYUN, JEONG SOO

Exec Dt: 01/08/2001

LEI, LAWRENCE CHUNG-LAI

Exec Dt: 01/09/2001

CHUNG, HUA

Exec Dt: 01/08/2001

Assignee: APPLIED MATERIALS, INC.

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Assignment: 2

Reel/Frame: 012282/0762

Received:
10/30/2001

Recorded:
10/19/2001

Mailed:
01/08/2002

Pages: 7

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors: LU, XINLIANG

Exec Dt: 08/10/2001

LAI, KEN KAUNG

Exec Dt: 08/13/2001

LITTAU, KARL A.

Exec Dt: 08/10/2001

Assignee: APPLIED MATERIALS, INC.

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